

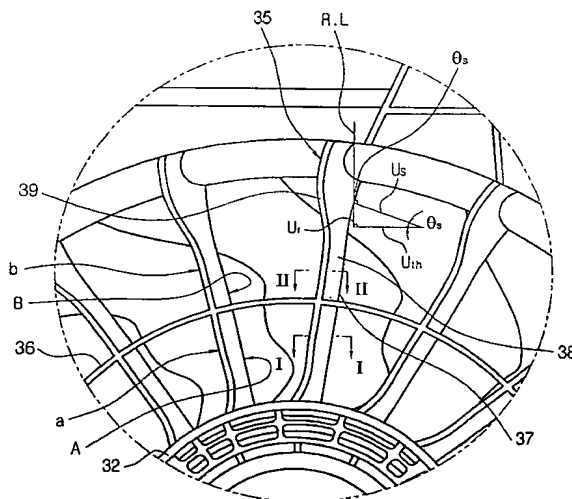


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10-2003-0044222 1 July 2003 (01.07.2003) KR</p> <p>(71) Applicant (for all designated States except US): HALLA CLIMATE CONTROL CORPORATION [KR/KR];
1689-1, Sinil-dong, Daedeok-gu, Daejeon-si 306-230 (KR).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): CHO, Kyungseok [KR/KR]. PARK, Seyoung [KR/KR].</p> <p>(74) Agents: PARK, Wonyong et al.; 5 Floor, Shinwon Bldg., 823-14, Yeoksam 1-dong, Gangnam-gu, Seoul 135-933 (KR).</p> | <p>(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published:
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- (54) Title:** GUIDE BLADE OF AXIAL-FLOW FAN SHROUD



(57) Abstract: The present invention discloses guide blades of an axial flow fan shroud for guiding the air blown by an axial flow fan in an axial direction, and more particularly, to a guide blade structure capable of preventing the backflow of high temperature heat from an engine room toward a condenser. A guide blade 35 of an axial flow fan shroud 30 comprises: a leading edge 37 for introducing the air blown by an axial flow fan 10 including a number of blades 12; a trailing edge 39 extended from the leading edge 37 to downstream; and an air flow guide surface 38 for guiding the blown air between the leading and trailing edges 37 and 39, wherein if a first outlet area a is defined by at a radius r from a root in the total length R of an angle of projection Aout of the guide blade 35 and a second outlet area b is defined by the remainder, the angle of projection Aout increases as approaching a tip with respect to an axial line in the second outlet area b.

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